L Number	Hits	Search Text	DB	Time stamp
1	111	(("5327447") or ("5331651") or ("5347527") or ("5349440") or ("5373515") or ("5387974") or ("5412474") or ("5414280") or ("5418800") or ("5420687") or ("5428700") or ("5438579") or ("5444724") or ("5450202") or ("543625") or ("5543916") or ("5583638") or ("55947444") or ("5606439") or ("5631736") or ("5583638") or ("55947444") or ("5712704") or ("5719674") or ("5737109") or ("5751750") or ("5760391") or ("5777773") or ("450246") or ("483227") or ("4460977") or ("4504950") or ("4560246") or ("4583227") or ("4770047") or ("4839614") or ("4843233") or ("4847854") or ("4870269") or ("4932782") or ("4994677") or ("5115677") or ("55124993") or ("55141316") or ("5163063") or ("5172185") or ("5181078") or ("5181214") or ("5185643") or ("5225930") or ("5225930") or ("5263037") or ("5270791") or ("5305330") or ("5321717") or ("5886785") or ("5917188") or ("5943352") or ("5946331") or ("5991061") or ("6018535") or ("6026100") or ("6034799") or ("60449950") or ("6043883") or ("6044095") or ("6115121") or ("6115401") or ("6192058") or ("6229835") or ("6229835") or ("6229835") or ("6246480") or ("6246480") or ("6249364") or ("6249364") or ("6229835") or ("6229718") or ("6229871") or ("6249364") or ("6249364") or ("6229718") or ("622971") or ("6229835") or ("6229718") or ("622971") or ("6229835") or ("6229718") or ("622971") or ("622971") or ("6229971") or ("6229971") or ("62299365") or ("6229718") or ("6229771") or ("62299771") or ("62299365") or ("6229771") or ("62299771") or ("62299365") or ("6229771") or ("62299771") or ("62299365") or ("6229771") or ("62299771") or ("62299771") or ("62299771") or ("62299771") or ("62299365") or ("6229771") or ("62299771") or ("62299365") or ("6229771") or ("62299771") or ("62299365") or ("62297718") or ("62299771") or	USPAT; US-PGPUB	2004/08/26 16:24
2	14	("6282215") or ("6301274") or ("6301280") or ("6304586") or ("6314115") or ("6321011") or ("6324204") or ("6330253") or ("6331892") or ("6337660") or ("6366592") or ("6366689") or ("6404538") or ("6441933") or ("6463085") or ("6532091") or ("20020048297") or ("20020126345") or ("20020136104")).PN. re37044	USPAT;	2004/08/26 16:30
3	524	372/19.ccls.	US-PGPUB USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:30
4	0	372/19.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:32
5	10	372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:37
6	1	372/38.1.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:38
7	0	372/43.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:38
8	2	372/99.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:38
9	0	372/101.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:39
10	0	372/102.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:39
11	23	372/\$8.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:40

12	1571	laser and ((micro near3 actuat\$3) or (micro-actuat\$3) or	USPAT;	2004/08/26 16:41
		(microactuat\$3))	US-PGPUB;	
		, , , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
1			DERWENT	
13	6	(laser and ((micro near3 actuat\$3) or (micro-actuat\$3) or	USPAT:	2004/08/26 16:49
'0		(microactuat\$3))) and littman	US-PGPUB;	2004/00/20 10:40
		(microactuates))) and militan		
			EPO; JPO;	
			DERWENT	
14	175	(laser and ((micro near3 actuat\$3) or (micro-actuat\$3) or	USPAT;	2004/08/26 17:23
		(microactuat\$3))) and grating	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
15	405	moems	USPAT;	2004/08/26 17:23
.0		moomo	US-PGPUB;	200 11 00,20 11 .20
	1		EPO; JPO;	
10		1 11/4	DERWENT	0004/00/00 47 04
16	1	moems and littman	USPAT;	2004/08/26 17:24
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
17	85	moems and tun\$4 and laser	USPAT;	2004/08/26 17:24
1			US-PGPUB;	
1			EPO; JPO;	
1	1			
40			DERWENT	0004/00/00 47 00
18	28	moems and tun\$4 near3 laser	USPAT;	2004/08/26 17:26
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
19	42	moems and diffraction near3 grating	USPAT;	2004/08/26 17:26
		, meenie and emilianis meene gramig	US-PGPUB;	
			EPO: JPO:	
	1		, ,	
	050	070/00	DERWENT	00004040404400
-	950	372/20.ccls.	USPAT;	2002/12/12 14:09
	_		US-PGPUB	
-	2	372/20.ccls. and (micro\$8 near tun\$5)	USPAT;	2002/12/12 14:14
			US-PGPUB	
-	190	372/20.ccls. and 372/102.ccls.	USPAT;	2002/12/12 14:15
			US-PGPUB	
-	3	(372/20.ccls. and 372/102.ccls.) and 372/15.ccls.	USPAT;	2002/12/12 14:16
		(0.17200000000000000000000000000000000000	US-PGPUB	
_	1	(372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or	USPAT;	2002/12/12 14:18
	'			2002/12/12 14.10
	_	(microactuat\$3))) and micro\$	US-PGPUB	0000/40/40 44-40
-	0	((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$8	USPAT;	2002/12/12 14:19
-			US-PGPUB	
-	12	(372/20.ccls. and 372/102.ccls.) and actuator	USPAT;	2002/12/12 14:19
	1		US-PGPUB	
-	19	372/20.ccls. and mems	USPAT;	2003/01/16 16:33
1			US-PGPUB	
- :	2	372/23.ccls. and mems	USPAT;	2003/01/16 16:32
}	1		US-PGPUB	
_	1	372/102.ccls. and mems	USPAT;	2003/01/16 16:32
	1 '	07 £7 10 £.0010. AND MOTHS	US-PGPUB	2000/01/10 10.02
		littman and mama	1	2002/04/46 46:22
-	4	littman and mems	USPAT;	2003/01/16 16:33
	_	,,	US-PGPUB	00001011101555
-	3	(diffraction adj grating) near mems	USPAT;	2003/01/16 16:30
	1		US-PGPUB	
-	7	(diffraction adj grating) near mem	USPAT;	2003/01/16 16:30
	1		US-PGPUB	
-	248	(diffraction near grating) and mem	USPAT;	2003/01/16 16:31
		,	US-PGPUB	
_	144	(diffraction near grating) and mem and (mirror or reflect\$3) and	USPAT;	2003/01/16 16:32
-	'	laser	US-PGPUB	2000/01/10 10.02
		1	1	2002/04/46 40:20
-	1	372/102.ccls. and mem	USPAT;	2003/01/16 16:32
	_		US-PGPUB	
-	2	372/23.ccls. and mem	USPAT;	2003/01/16 16:33
			US-PGPUB	
-	22	372/20.ccls. and mem	USPAT;	2003/01/16 16:33
			US-PGPUB	
	·	F-00-07 DM Done 0		

- 196 (diffraction near grating) and mems US-PGPUB US-PGP	/01/16 16:34 /01/16 16:36 /01/16 17:13 /01/16 17:13 /01/16 17:25 /01/16 17:26 /01/16 17:26 /01/17 09:26 /01/17 09:40 /01/17 09:44
- 196 (diffraction near grating) and mems USPAT; US-PGPUB USPA	/01/16 17:13 /01/16 17:13 /01/16 17:25 /01/16 17:26 /01/16 17:26 /01/17 09:26 /01/17 09:40
- 0 diffraction adj grating and mem and micrmirror USPAT; US-PGPUB USPAT; US-P	/01/16 17:13 /01/16 17:25 /01/16 17:26 /01/16 17:26 /01/17 09:26 /01/17 09:40
- 53 diffraction adj grating and mem and micromirror 1757 ford.in. 1757 ford.in. 1757 ford.in. 1859	/01/16 17:25 /01/16 17:26 /01/16 17:26 /01/17 09:26 /01/17 09:40
- 1757 ford.in. USPAT; US-PGPUB USPA	/01/16 17:26 /01/16 17:26 /01/17 09:26 /01/17 09:40
- 3 ford.in. and mem - 11 microelectromechanical adj mirror - 0 (rotary near comb) and mem - 2 (rotary near comb) and mem - 2 (rotary near comb) and mem USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2003.	/01/16 17:26 /01/17 09:26 /01/17 09:40
- 11 microelectromechanical adj mirror USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2003.	/01/17 09:26 /01/17 09:40
- 0 (rotary near comb) and mem USPAT; US-PGPUB USPAT; 2003.	/01/17 09:40
- 2 (rotary near comb) and mem USPAT; 2003.	
l US-PGPUB l	/01/17 09:44
	/01/17 10:01
	/01/17 10:01
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/01/17 10:06
	/01/17 10:14
	/01/17 10:14
	/01/17 10:46
	/01/17 10:42
	/01/17 10:38
- 20 5,068,749 USPAT; 2003 US-PGPUB	/01/17 10:38
	/01/17 10:39
- 3 (("5,068,749") or ("5,111,321") or ("6,154,591")).PN. USPAT; US-PGPUB	/01/17 10:40
- 342 fabry adj perot and liquid adj crystal and tun\$4 USPAT; US-PGPUB	/01/17 10:42
near mode) US-PGPUB	/01/17 11:17
US-PGPUB	/01/17 10:57
US-PGPUB	/01/17 10:59
US-PGPUB US-PGPUB	/01/17 10:59
US-PGPUB US-PGPUB	/01/17 10:59
and laser US-PGPUB	/01/17 11:29
and laser US-PGPUB	/01/17 11:36
mode) US-PGPUB	/01/17 11:38
US-PGPUB US-PGPUB	/01/17 11:49
US-PGPUB US-PGPUB	5/01/17 11:51
US-PGPUB US-PGPUB	//01/17 11:50
- 0 (mem near actuator) and littman USPAT; US-PGPUB US-PGPUB	/01/17 11:50

-	5	actuator and littman and telecommunication	USPAT; US-PGPUB	2003/01/17 11:53
-	538	micro near actuator	USPAT;	2003/01/17 11:53
_	187	(micro near actuator) and laser	US-PGPUB USPAT:	2003/01/17 11:53
-	107	(micro near actuator) and laser	US-PGPUB	2003/01/17 11.55
-	1	(micro near actuator) and (tun\$4 near laser)	USPAT;	2003/01/17 12:12
_	2	(("5230005") or ("5624437")).PN.	US-PGPUB USPAT:	2003/01/17 13:29
			US-PGPUB	
-	1	("5914801").PN.	USPAT; US-PGPUB	2003/01/17 13:34
-	135	microactuator and mirror	USPAT;	2003/01/17 13:37
_	255	microactuator and mirror	US-PGPUB USPAT;	2003/01/17 13:35
			US-PGPUB	
-	241	(microactuator and mirror) and (laser or beam or light)	USPAT;	2003/01/17 13:36
_	0	((microactuator and mirror) and (laser or beam or light)) and	USPAT;	2003/01/17 13:36
	53	littman ((microactuator and mirror) and (laser or beam or light)) and	US-PGPUB USPAT;	2003/01/17 13:36
-		tun\$4	US-PGPUB	2003/01/17 13.30
-	22	(((microactuator and mirror) and (laser or beam or light)) and tun\$4) and grating	USPAT; US-PGPUB	2003/01/17 13:37
-	5	microactuator and 372/\$.ccls.	USPAT;	2003/01/17 13:40
	64	mem and 372/\$.ccls.	US-PGPUB	2002/04/47 42:40
-	04	mem and 372/\$.ccis.	USPAT; US-PGPUB	2003/01/17 13:40
-	15	iolon	USPAT;	2003/01/21 11:58
-	0	roatat\$5 and motor and 372/\$.ccls.	US-PGPUB USPAT:	2003/01/21 12:26
	050	·	US-PGPUB	
-	659	rotat\$5 and motor and 372/\$.ccls.	USPAT; US-PGPUB	2003/01/21 12:26
-	102	rotat\$5 and motor and 372/20.ccls.	USPAT;	2003/01/21 12:26
_	13	(rotat\$5 and motor and 372/20.ccls.) and littman	US-PGPUB USPAT;	2003/01/21 12:32
		, ,	US-PGPUB	
-	0	(electrostatic near motor) and littman	USPAT; US-PGPUB	2003/01/21 12:30
-	0	(electrostatic near motor) and 372/\$.ccls.	USPAT;	2003/01/21 12:30
_	14	(electro and static and motor) and 372/\$.ccls.	US-PGPUB USPAT;	2003/01/21 12:31
			US-PGPUB	
-	21	(rotat\$5'and motor and 372/\$.ccls.) and littman	USPAT; US-PGPUB	2003/01/21 12:32
-	12	telecommunication and littman and 372/\$.ccls.	USPAT;	2003/01/21 12:50
_	10	wdm and littman and 372/\$.ccls.	US-PGPUB USPAT:	2003/01/21 14:40
	_		US-PGPUB	
-	1	("6428173").PN.	USPAT; US-PGPUB	2003/01/21 16:21
-	0	("(mode near hop\$4) and (single near mode)").PN.	USPAT;	2003/01/21 16:22
_	439	(mode near hop\$4) and (single near mode)	US-PGPUB USPAT:	2003/01/21 16:22
			US-PGPUB	
-	23	((mode near hop\$4) and (single near mode)) and littman	USPAT; US-PGPUB	2003/01/21 16:22
-	1	("6428173").PN.	USPAT;	2003/01/22 10:03
_	0	(("6428173").PN.) and comb	US-PGPUB USPAT;	2003/01/22 10:03
	_		US-PGPUB	
-	0	(("6428173").PN.) and fingers	USPAT; US-PGPUB	2003/01/22 10:03
-	0	(("6428173").PN.) and interdigitable	USPAT;	2003/01/22 10:06
_	1	(("6428173").PN.) and electrostatic	US-PGPUB USPAT;	2003/01/22 12:32
	<u>'</u>		US-PGPUB	2003/01/22 12:32
		5:20:27 DM Dogs 4		

			· · · · · · · · · · · · · · · · · · ·	
-	42	372/20.ccls. and actuator	USPAT; US-PGPUB	2003/01/22 12:36
-	53	littman and actuator	USPAT;	2003/01/22 12:36
_	60	littman and actuator	US-PGPUB USPAT:	2003/07/08 14:15
		numan and addator	US-PGPUB;	2000/01/00 14:10
			EPO; JPO;	
_	45	littman and mem\$2	DERWENT USPAT;	2003/07/08 14:16
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	1	(micro near actuat\$3) and 372/20.ccls.	USPAT;	2003/07/08 16:45
			US-PGPUB; EPO; JPO;	
			DERWENT	
-	4	(micro near actuat\$3) and 372/\$.ccls.	USPAT;	2003/07/08 15:27
			US-PGPUB; EPO; JPO;	
			DERWENT	
-	36	(mem\$2) and 372/20.ccls.	USPAT; US-PGPUB;	2003/07/08 15:53
			EPO; JPO;	
	140	(-strot(2) and 270(20 asla	DERWENT	2002/07/09 45:40
-	113	(actuat\$3) and 372/20.ccls.	USPAT; US-PGPUB;	2003/07/08 15:40
			EPO; JPO;	
	24	((actuat\$3) and 372/20.ccls.) and (littman or littrow)	DERWENT USPAT;	2003/07/08 15:41
		((assaute) and or 2/25/55/5) and (minding)	US-PGPUB;	
			EPO; JPO; DERWENT	
-	110	(mem\$2) and 372/\$.ccls.	USPAT;	2003/07/08 15:59
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	997	micro near actuator	USPAT;	2003/07/08 15:59
			US-PGPUB; EPO; JPO;	
	_		DERWENT	0000/07/00 47 44
-	0	(micro near actuator) and (littman or littrow)	USPAT; US-PGPUB;	2003/07/08 17:11
	E		EPO; JPO;	
	8	(micro near actuator) and (tun\$5 near3 laser)	DERWENT USPAT;	2003/07/08 16:04
		(more rical actuator) and frames near asser)	US-PGPUB;	2300/07/00 10:04
			EPO; JPO; DERWENT	
-	12	(micro near actuator) and diffraction near grating	USPAT;	2003/07/08 16:05
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	49	littman and 372/20.ccls.	USPAT;	2003/07/08 16:51
			US-PGPUB; EPO; JPO;	
			DERWENT	0000/07/00 := 5=
-	43	littman and rotat\$4 and 372/20.ccls.	USPAT; US-PGPUB;	2003/07/08 17:00
			EPO; JPO;	
	10	littman and rotat\$4 and 372/20.ccls. and piezoelectric	DERWENT USPAT;	2003/07/08 17:01
	10	manan and rotate and or 2/20.000. and piezoelectric	US-PGPUB;	2000/01/00 17:01
			EPO; JPO; DERWENT	
-	8	littman and rotat\$4 and 372/20.ccls. and (stepper near motor)	USPAT;	2003/07/08 17:04
			US-PGPUB;	
			EPO; JPO; DERWENT	
		· · · · · · · · · · · · · · · · · · ·		

	г			
-	12	(micro near actuator) and (diffraction near grating)	USPAT;	2003/07/08 17:12
			US-PGPUB;	
			EPO; JPO;	
	169	(micro near actuator) and laser	DERWENT USPAT:	2003/07/08 17:12
-	109	(micro flear actuator) and laser	US-PGPUB;	2003/07/06 17.12
			EPO; JPO;	
			DERWENT	
_	5	(micro near actuator) and (tunable near laser)	USPAT;	2003/07/08 17:20
		(more from adiation) and familiaries from factory	US-PGPUB;	2000/01/00 11/20
			EPO; JPO;	
			DERWENT	
-	156	mem\$2 and (tunable near laser)	USPAT;	2003/07/08 17:21
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	868	microactuator	USPAT;	2003/07/22 11:47
	44	minus activates and (him@4 mags2 lanes)	US-PGPUB	2003/07/22 11:22
-	11	microactuator and (tun\$4 near3 laser)	USPAT; US-PGPUB	2003/07/22 11:22
1	4867	actuator and (stepper near motor)	USPAT;	2003/07/22 11:32
1	4007	actuator and (stepper near motor)	US-PGPUB	2003/01/22 11.52
-	394	actuator near (stepper near motor)	USPAT;	2003/07/22 11:33
	33.		US-PGPUB	
-	8	(actuator near (stepper near motor)) and 372/\$.ccls.	USPAT;	2003/07/22 11:32
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	
-	1	microactuator near (stepper near motor)	USPAT;	2003/07/22 12:03
			US-PGPUB	
-	2	microactuator near laser	USPAT;	2003/07/22 11:35
			US-PGPUB	0000/07/00 44-05
-	64	microactuator same laser	USPAT; US-PGPUB	2003/07/22 11:35
_	0	(microactuator same laser) and 372/4.ccls.	USPAT;	2003/07/22 11:36
	0	(Illicioactuator same laser) and 37274.ccis.	US-PGPUB	2003/01/22 11.50
_	3	(microactuator same laser) and 372/\$.ccls.	USPAT;	2003/07/22 11:36
	_	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	
-	8	(microactuator or micromotion) and 372/\$.ccls.	USPAT;	2003/07/22 11:39
		·	US-PGPUB	
-	1	(microactuator near (actuator)) and 372/\$.ccls.	USPAT;	2003/07/22 11:42
	40		US-PGPUB	0000/07/00 44.44
-	46	microactuator near (actuator)	USPAT; US-PGPUB	2003/07/22 11:44
1_	382	microactuator and laser	USPAT;	2003/07/22 11:46
	302	Thicroactuator and laser	US-PGPUB	2003/01/22 11.40
<u>-</u>	4	(microactuator and laser) and 372/\$.ccls.	USPAT;	2003/07/22 11:46
	·	(more actually and label) and of 2.4.6666	US-PGPUB	
] -	0	(microactuator and laser) and littman	USPAT;	2003/07/22 11:46
1			US-PGPUB	
-	0	microactuator and littman	USPAT;	2003/07/22 11:46
			US-PGPUB	0000/07/05 : : : :
-	11	microactuator and tun\$4 near laser	USPAT;	2003/07/22 11:46
	1200	miorocotuat®3	US-PGPUB	2002/07/22 11:47
-	1309	microactuat\$3	USPAT; US-PGPUB	2003/07/22 11:47
_	0	microactuat\$3 and littman	USPAT;	2003/07/22 11:47
		Thiorodoladiyo and illinan	US-PGPUB	200001722 11.47
-	31	microactuat\$3 and diffraction near grating	USPAT;	2003/07/22 11:48
	•	,	US-PGPUB	
-	4	microactuator same (stepper near motor)	USPAT;	2003/07/22 11:54
			US-PGPUB	
-	26	microactuator and (stepper near motor) and laser	USPAT;	2003/07/22 11:54
1			US-PGPUB	0000/07/05 :5 :5
-	127	microactuator near (piezoelectric)	USPAT;	2003/07/22 12:06
	E^	(mioropetuator pear (piozoplastric)) and least	US-PGPUB	2002/07/22 42:05
-	50	(microactuator near (piezoelectric)) and laser	USPAT; US-PGPUB	2003/07/22 12:05
_	1	(microactuator near (piezoelectric)) and 372/\$.ccls.	USPAT;	2003/07/22 12:05
		(minutes and processing) and or Equation	US-PGPUB	
	<u> </u>	F-00-07 PM P 6		<u> </u>

-	0	microactuator near (piezoelectric near stacks)	USPAT;	2003/07/22 12:07
		, '	US-PGPUB	
-	236	piezoelectric near stacks	USPAT;	2003/07/22 12:07
			US-PGPUB	
-	4	(piezoelectric near stacks) and 372/\$.ccls.	USPAT;	2003/07/22 12:08
			US-PGPUB	
-	15	(microactuator near (piezoelectric)) and (mirror or (diffraction near	USPAT;	2003/07/22 12:11
		grating))	US-PGPUB	
-	0	(microactuator near (piezoelectric)) and littman	USPAT;	2003/07/22 12:11
			US-PGPUB	
-	2	(microactuator near (piezoelectric)) and tun\$4 near laser	USPAT;	2003/07/22 12:12
			US-PGPUB	